

Abstract of the disclosure

**Zwitterionic polymers comprising betaine-type units  
and use of zwitterionic polymers in drilling fluids**

5

The invention relates to novel polymers comprising  
betaine-type units and to the use of zwitterionic  
polymers in drilling fluids, for example, as a

10 clay swelling inhibitor and/or as an accretion-  
inhibiting agent and/or as a fluid- rheology-controlling  
agent and/or a filtrate-reducing agent  
and/or a lubricant.